

AMENDMENT

U.S. Appln. No. 09/461,308

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a first detection means for detecting a level of a first labeling signal emitted by a first labeling substance, which labels a plurality of known different specific binding substances respectively disposed at a plurality of predetermined positions on a carrier of a test piece, for each of said plurality of predetermined positions;

a second detection means for detecting a level of a second labeling signal emitted by a second labeling substance, which differs from said first labeling substance and labels an organism-originated substance bound to said specific binding substance, for each of said plurality of predetermined positions; and

X
an analyzing means for measuring a quantity of said organism-originated substance bound to said specific binding substance, based on the detected level of said second labeling signal, corrected for the detected level of said first labeling signal.

26. The quantitative apparatus as set forth in claim 25, wherein said specific binding substances are cDNA polynucleotides.

27. The quantitative apparatus as set forth in claim 25, wherein said analyzing means further performs said measurement, based on a characteristic value related to cDNA polynucleotides.

28. The quantitative apparatus as set forth in claim 26, wherein said analyzing means further performs said measurement, based on a characteristic value related to cDNA polynucleotides.